

## EAST Search History

| Ref # | Hits     | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|----------|---|---|------------------|---------|------------------|
| L1    | 1        | 10/649797   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 10:12 |
| L2    | 1        | 10/649797   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 10:50 |
| L3    | 1        | "6151353".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 10:59 |
| L4    | 1        | 09/959425   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 13:57 |
| L5    | 22       | (random adj access adj channel<br>same preamble and detect\$4 and<br>probability).bsum. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 17:04 |
| L6    | 22       | 5 and random  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 13:59 |
| L7    | 14151369 | (@rlad<"20030828" or<br>@ad<"20030828" or<br>@ptad<"20030828")                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 13:58 |
| L8    | 16       | 6 and 7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 13:58 |
| L9    | 15       | 5 and random with detect\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 14:00 |
| L10   | 11       | 9 and 7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 13:59 |
| L11   | 12       | 5 and random with number  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2008/02/01 14:00 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| L12 | 7     | 11 and 7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 14:08 |
| L13 | 4     | 12 and average   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 14:09 |
| L14 | 0     | 12 and average with detect\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 14:10 |
| L15 | 2     | 5 and average with detect\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 14:11 |
| L16 | 114   | (random adj access adj channel<br>same preamble and detect\$4 and<br>probability)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 14:11 |
| L17 | 4     | 16 and average with detect\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 14:12 |
| L18 | 208   | (random adj access adj channel or<br>rach) and preamble and detect\$4<br>and probability | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 17:04 |
| L19 | 260   | (average with detection with<br>probability )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 17:05 |
| L20 | 1     | 18 and 19  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 17:05 |
| L21 | 17394 | (average with detection )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 17:08 |
| L22 | 260   | 19 and 21  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 17:05 |
| L23 | 5     | 18 and 21  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 17:05 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| L24 | 25      | 18 and average same detect\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/02/01 17:41 |
| L25 | 20      | 7 and 24  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/02/01 17:09 |
| L26 | 52      | 18 and average same channel   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/02/01 17:41 |
| L27 | 35      | 7 and 26  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/02/01 17:41 |
| S1  | 58227   | determin\$6 with protocol   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/02/01 10:11 |
| S2  | 3225587 | (wireless\$3 or mobile or radio or cellular or air or free adj space) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/01/31 15:51 |
| S3  | 39888   | S1 and S2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/01/31 15:56 |
| S4  | 1       | "6144641".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/01/31 15:56 |
| S5  | 1       | "5682460".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/01/31 15:57 |
| S6  | 1       | "6539030".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/01/31 15:58 |
| S7  | 1       | ("20020022453").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2008/01/31 16:06 |
| S8  | 0       | 19/499196   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2008/01/31 16:06 |

## EAST Search History

|     |          |  |   |    |    |                  |
|-----|----------|--|---|----|----|------------------|
| S9  | 8        | 09/499196  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/01/31 16:17 |
| S10 | 2        | 10/334491  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/01/31 16:17 |
| S11 | 1        | S9 and priority  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/01/31 16:17 |
| S12 | 1022     | select\$6 with protocol same priority                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/01/31 16:18 |
| S13 | 598      | S12 and S2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/01/31 16:19 |
| S14 | 14357240 | (@rlad<"20031117" or<br>@ad<"20031117" or<br>@ptad<"20031117") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/02/01 13:58 |
| S15 | 439      | S13 and S14  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/01/31 16:20 |
| S16 | 45       | S15 and (blue adj tooth or<br>bluetooth)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2008/01/31 16:20 |